

Converting Colors

XYZ(18.8987, 14.3637, 16.2515)

Have a look what the booklet for
XYZ(18.8987, 14.3637, 16.2515)
contains.

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Color

**XYZ(18.8506, 14.3390,
16.2422)**

Conversions

Conversions Part 1

Format	Color
Hex	97566D
RGB	151, 86, 109
RGB Percent	59%, 34%, 43%
CMY	0.4078, 0.6627, 0.5725
CMYK	0.00, 0.43, 0.28, 0.41
HSL	339°, 27%, 46%
HSV	339°, 43%, 59%
XYZ	18.8506, 14.3390, 16.2422
YIQ	108.0570, 31.3570, 20.9330

Conversions

Conversions Part 2

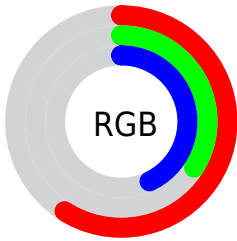
Format	Color
R_{YB}	151, 86, 109
Decimal	9918061
CIE _{Lab}	44.72, 29.88, -1.39
CIE _{LCh}	45, 29.914, 357.340
Yxy	14.3390, 0.3813, 0.2901
Android (android.graphics.Color)	4288108141 (0xFF97566D)
YUV	108.0570, 0.4649, 37.6610
Hunter-Lab	37.8669, 22.5925, 1.0756

Details

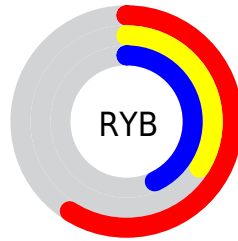
The XYZ color **18.8506, 14.3390, 16.2422** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.8013, 25.6705, 24.3873**, and the grayscale version is **14.2628, 15.0056, 16.3411**.

A 20% lighter version of the original color is **41.0230, 33.6948, 37.5993**, and **6.5996, 4.3307, 5.0455** is the 20% darker color. If you saturate the color by 10%, you get **17.2735, 11.9791, 13.2673**, and if you desaturate by 10%, it is **20.7416, 17.2330, 19.6098**.

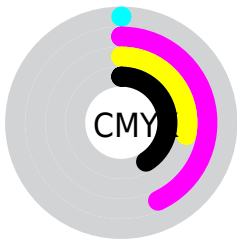
Distribution



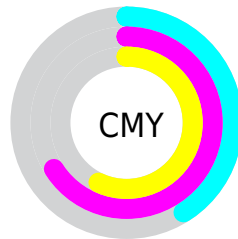
- Red (59%)
- Green (34%)
- Blue (43%)



- Red (59%)
- Yellow (34%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (28%)
- Black (41%)



- Cyan (41%)
- Magenta (66%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8506, 14.3390, 16.2422 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 18.8506, 14.3390, 16.2422 by changing the saturation by 10% instead.

■ 18.8506, 14.3390,
16.2422

■ 18.8506, 14.3390,
16.2422

238.5767,
219.3297, 242.6610

■ 11.6657, 8.3568,
9.5395

■ 41.0003, 33.6893,
37.7908

■ 6.5871, 4.3241,
4.9931

■ 56.6959, 47.8263,
53.4738

■ 3.2492, 1.8565,
2.1846

■ 75.9591, 65.4503,
72.9872

■ 1.2869, 0.5220,
0.6654

■ 99.1552, 86.9457,
96.7497

■ 0.1734, 0.0000,
0.0000

■ 126.6497,
112.6970, 125.1798

■ 0.0000, 0.0000,
0.0000

158.8079,

143.0884, 158.6960

195.9951,
178.5046, 197.7169

■ 18.8506, 14.3390,
16.2422

■ 18.8506, 14.3390,
16.2422

■ 17.2735, 11.9791,
13.2673

■ 20.7416, 17.2330,
19.6098

■ 15.9909, 10.1182,
10.6687

■ 22.9618, 20.6893,
23.3837

■ 14.9832, 8.7200,
8.4304


■ 25.5270, 24.7366,
27.5777


■ 14.2278, 7.7425,
6.5341


■ 28.4515, 29.4010,
32.2050


■ 13.6979, 7.1360,
4.9601


■ 31.7490, 34.7070,
37.2778

 13.4150, 6.8403,
4.0331

 35.4322, 40.6777,
42.8081

 39.5133, 47.3352,
48.8073

 44.0040, 54.7006,
55.2863

 48.9155, 62.7939,
62.2559

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.9541, 14.3390, 24.0069



18.8506, 14.3390, 16.2422



18.2160, 14.3390, 10.2371

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.8506, 14.3390, 16.2422



11.5931, 14.3390, 6.4859



11.2591, 14.3390, 29.8093

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.8506, 14.3390, 16.2422



18.8013, 25.6705, 24.3873

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9.8846, 14.3390, 22.6019



18.8506, 14.3390, 16.2422



10.0607, 14.3390, 9.4463

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.8506, 14.3390, 16.2422



13.8468, 14.3390, 5.6960



9.4731, 14.3390, 14.9997



13.4130, 14.3390, 33.1626

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.8506, 14.3390, 16.2422



17.0474, 14.3390, 7.6934



9.4731, 14.3390, 14.9997



10.7008, 14.3390, 27.6689

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.8510, 14.3397, 16.2425



45.6094, 44.1317, 49.2174



17.6915, 13.4156, 30.9353



10.1397, 9.6713, 10.8205



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.8510, 14.3397, 16.2425



30.9353, 21.4541, 23.7613



18.5050, 15.3764, 10.7976



6.2946, 6.2570, 6.9313



11.4250, 5.8242, 3.4971



0.1870, 0.0936, 0.1377

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



18.8510, 14.3397, 16.2425



30.9353, 21.4541, 23.7613



19.1468, 23.6586, 32.8357



6.2946, 6.2570, 6.9313



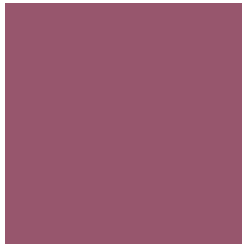
11.4250, 5.8242, 3.4971



0.1870, 0.0936, 0.1377

Previews

White Background



This preview shows how the XYZ color 18.8506, 14.3390, 16.2422 looks on a white background.

Color Contrast Check

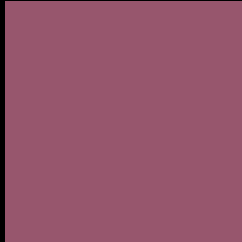
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.8506, 14.3390, 16.2422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

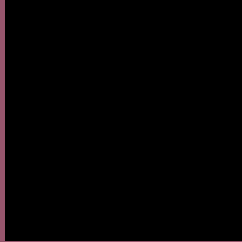
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8506, 14.3390, 16.2422

Background



This preview shows how black text looks on a background with the XYZ color 18.8506, 14.3390, 16.2422.



This preview shows how white text looks on a background with the XYZ color 18.8506, 14.3390,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.8506, 14.3390, 16.2422

Protanopia

14.2117, 14.4267, 20.1248

Deuteranopia

14.6542, 14.4541, 15.6532



Tritanopia

18.2156, 14.4550, 12.6565

Trichromacy



Original Color

18.8506, 14.3390, 16.2422

Protanomaly

15.4637, 14.0847, 18.7332

Deuteranomaly

15.9818, 14.2781, 15.8235

Tritanomaly

18.3677, 14.3836, 13.8648

Monochromacy



Original Color

18.8506, 14.3390, 16.2422

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

15.5761, 14.4821, 16.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8506, 14.3390, 16.2422 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(151, 86, 109)` looks like.

```
.text, #text, p{  
    color:rgb(151, 86, 109)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(151, 86, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 86, 109) }
```

Border

The CSS property to change the border of an element to XYZ 18.8506, 14.3390, 16.2422 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 86, 109) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(151, 86, 109) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(151, 86, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 86, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 86, 109);  
box-shadow:4px 4px 4px 4px rgb(151, 86,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8506, 14.3390, 16.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 86, 109) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(151, 86,  
109) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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